AMENDMENTS TO THE SPECIFICATION:

Please add the following new paragraph to the "Summary of the Invention" section of the specification following paragraph **[0015]**, as published (or after the second paragraph on page 5 of the application as filed):

[0015.1] According to one aspect of the invention, there is provided a method for displaying a region of interest while transitioning between first and second locations for the region of interest within visual information on a display screen of a computer, comprising: applying a transformation to a border region of the region of interest in the visual information to improve visual detail in the border region of the region of interest by: creating a lens surface for the border region having a lens surface shape; and, creating a presentation by overlaying the visual information on the lens surface and projecting the lens surface with the visual information onto a plane in a uniform direction aligned with a viewpoint, wherein at least one of the lens surface shape and the viewpoint remain constant during the transitioning between the first and second locations; and, displaying the presentation on the display screen. In the above method, the transformation may transform only a portion of the visual information in the region of interest. The portion may be the border of the region of interest. The border region may be a periphery of the region of interest. The lens surface for the border region may be defined by a distortion function. The lens surface for the border region may be defined by a predetermined portion of a lens surface for rendering the region of interest. The predetermined portion may be a border region of the lens surface for rendering the region of interest. The predetermined portion may be a periphery of the lens surface for rendering the region of interest. The method may further include establishing a path between the first and second locations for the region of interest. The path may be established automatically by a predetermined program. The path may be established by user selection. The method may further include: increasing resolution of the visual information in the region of interest; and, decreasing resolution of the visual information outside the region of interest. The transformation may provide a smooth transition to the region of interest from an adjacent region by blending increased and decreased resolution visual information in

predefined regions adjacent to the region of interest. The blending may be performed by averaging the increased and decreased resolution visual information. The blending may be performed by admixing the increased and decreased resolution visual information. The method may further include transmitting the presentation over a network to a remote computer. The visual information may include a portable document format (PDF) document. The lens surface for rendering the region of interest may be defined by the distortion function. The region of interest, the lens surface, and the lens surface shape may include a plurality of regions of interest, a plurality of lens surfaces, and a plurality of lens surface shapes, respectively. The visual information may include newspapers, magazines, telephone directories, and maps. The visual information may include web page content. The display screen may be contained in a handheld device. The visual information may be a newspaper page. The newspaper page may include a plurality of headlines, columns, articles, graphics, and advertisements. The region of interest may include a headline, a column, an article, a graphic, and an advertisement. The lens surface shape may have a shape corresponding to that of the region of interest. The lens surface shape may have a shape corresponding to a column. The transformation may increase the font size within a portion of the column. The lens surface shape may be tapered to provide a continuous transition on at least one side of the portion of the column to undistorted text. And, the method may further include scaling the visual information to fit on the display screen.